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10-29-04

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29937 7590 07/28/2004

SIDLEY AUSTIN BROWN & WOOD LLP
717 NORTH HARWOOD
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DALLAS, TX 75201

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Tung T. Nguyen (Reg. No. 42,935) (Depositor's name)
 (Signature)
 October 28, 2004 (Date)

11/01/2004 ZJUHR2 00000018 181260 09836036

01 FC:1501 1370.00 DA
 02 FC:1504 300.00 DA
 03 FC:0001 24.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/836,036	04/17/2001	Lewis T. Claiborne	10919/25601	8771

TITLE OF INVENTION: DIFFRACTION GRATING COUPLED INFRARED PHOTODETECTOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330 / 1370.00	\$300	\$1630	10/28/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, KIET TUAN	2881	250-316100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Sidley Austin
Brown & Wood LLP
 2. _____
 3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Lockheed Martin Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Bethesda, Maryland

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 8

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 18-1260 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

(Date)

Tung T. Nguyen

October 28, 2004

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Application of: Lewis T. CLAIBORNE et al.
For: DIFFRACTION GRATING COUPLED INFRARED PHOTODETECTOR
U.S. Serial No.: 09/836,036
Filed: April 17, 2001
Confirmation No.: 8771
Customer No.: 29937
Group Art Unit: 2881
Examiner: Kiet Tuan Nguyen
Notice of
Allowance Mailed: July 28, 2004

MAIL STOP: ISSUE FEE
Commissioner for Patents
P.O. Box 1450
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EXPRESS MAIL MAILING LABEL NO.: EL 794583783 US
DATE OF DEPOSIT: OCTOBER 28, 2004

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DERRICK GORDON

Name of Person Mailing Paper or Fee

Signature

OCTOBER 28, 2004

Date of Signature

Dear Sir:

SUBMISSION OF ISSUE FEE

In response to the Notice of Allowability, mailed July 28, 2004, submitted herewith is Issue Fee Transmittal Form PTOL-85 authorizing payment of the issue fee for the above-identified application. Please charge the amount of \$1,694.00 in payment of the issue fee (\$1,370.00), the publication fee (\$300.00), and the advance order of eight (8) patent copies (\$24.00), to SIDLEY AUSTIN BROWN & WOOD LLP's Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

A duplicate copy of this paper is enclosed herewith.

Respectfully submitted,

By:

Tung T. Nguyen
Registration No. 42,935
Attorney for Applicants

TTN/fis
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